

As a below named inventor, I declare that:

My residence, Post Office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled OPTICAL COMMUNICATION SYSTEM AND METHOD.

The specification of which (check only one item below):

- ☒ is attached hereto
- ☐ was filed as United States Application Serial No. \_\_\_\_\_ on \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable)
- ☐ was filed as PCT international application number \_\_\_\_\_, on \_\_\_\_\_, and was  
amended under PCT Article 19 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, on the same subject matter, having a filing date before that of the application on which priority is claimed:

<input type="checkbox"/>	<b>Country:</b>	<b>Application No.:</b>	<b>Filing Date:</b>
<input type="checkbox"/>	<b>NONE</b>		

I hereby claim the benefit under Title 35 United States Code § 119(e) and § 120 of any United States application(s) or 365(c) of any PCT international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37 Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<input checked="" type="checkbox"/>	<b>Provisional No.:</b> 60/393,667	<b>Filed:</b> 07/03/2002	<b>Status:</b> Pending
<input type="checkbox"/>	<b>Application No.:</b>	<b>Filed:</b>	<b>Status:</b>
	<b>PCT Application No:</b>	<b>Filed:</b>	<b>Status:</b>
<input type="checkbox"/>	<b>NONE</b>		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Inventor:** MAHESH AJGAONKAR

**Resident Address:** 100 Memorial Parkway, Apt. 9B, New Brunswick, NJ 08901  
**Post Office Address:** same

**Citizenship:** India

DATE: June 11, 2003

Maresh A  
Maresh Ajgaonkar

**Full Name of Inventor:** ANDREY KOPYAKOV

**Resident Address:** 11 Petunia Drive, Apt. 2B, North Brunswick, NJ 08902  
**Post Office Address:** same

**Citizenship:** Russia

DATE: \_\_\_\_\_

\_\_\_\_\_  
Andrey Kopyakov

**Full Name of Inventor:** JUNE-KOO RHEE

**Resident Address:** 236 Kensington Drive, Morganville, NJ 07751  
**Post Office Address:** same

**Citizenship:** S. Korea

DATE: \_\_\_\_\_

\_\_\_\_\_  
June-Koo Rhee

**Full Name of Inventor:** MANISH SHARMA

**Resident Address:** 8 Allison Way, Princeton, NJ 08504  
**Post Office Address:** same

**Citizenship:** United Kingdom

DATE: \_\_\_\_\_

\_\_\_\_\_  
Manish Sharma

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Inventor:** MAHESH AJGAONKAR

**Resident Address:** 100 Memorial Parkway, Apt. 9B, New Brunswick, NJ 08901  
**Post Office Address:** same

**Citizenship:** India

DATE: \_\_\_\_\_

\_\_\_\_\_  
Mahesh Ajgaonkar

**Full Name of Inventor:** ANDREY KOPYAKOV

**Resident Address:** 11 Petunia Drive, Apt. 2B, North Brunswick, NJ 08902  
**Post Office Address:** same

**Citizenship:** Russia

DATE: 06/09/2003

  
\_\_\_\_\_  
Andrey Kobayakov

**Full Name of Inventor:** JUNE-KOO RHEE

**Resident Address:** 236 Kensington Drive, Morganville, NJ 07751  
**Post Office Address:** same

**Citizenship:** S. Korea

DATE: \_\_\_\_\_

\_\_\_\_\_  
June-Koo Rhee

**Full Name of Inventor:** MANISH SHARMA

**Resident Address:** 8 Allison Way, Princeton, NJ 08504  
**Post Office Address:** same

**Citizenship:** United Kingdom

DATE: \_\_\_\_\_

\_\_\_\_\_  
Manish Sharma

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Inventor:****MAHESH AJGAONKAR****Resident Address:**

100 Memorial Parkway, Apt. 9B, New Brunswick, NJ 08901

**Post Office Address:**

same

**Citizenship:**

India

DATE: \_\_\_\_\_

\_\_\_\_\_  
Mahesh Ajgaonkar**Full Name of Inventor:****ANDREY KOPYAKOV****Resident Address:**

11 Petunia Drive, Apt. 2B, North Brunswick, NJ 08902

**Post Office Address:**

same

**Citizenship:**

Russia

DATE: \_\_\_\_\_

\_\_\_\_\_  
Andrey Kobyakov**Full Name of Inventor:****JUNE-KOO RHEE****Resident Address:**

236 Kensington Drive, Morganville, NJ 07751

**Post Office Address:**

same

**Citizenship:**

S. Korea

DATE: 13 JUNE 2003\_\_\_\_\_  
*Rhee, June-Koo*  
June-Koo Rhee**Full Name of Inventor:****MANISH SHARMA****Resident Address:**

8 Allison Way, Princeton, NJ 08504

**Post Office Address:**

same

**Citizenship:**

United Kingdom

DATE: \_\_\_\_\_

\_\_\_\_\_  
Manish Sharma

**DECLARATION IN ORIGINAL APPLICATION**

U.S. Attorney Docket No.: SP02-155

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Inventor:** MAHESH AJGAONKAR**Resident Address:** 100 Memorial Parkway, Apt. 9B, New Brunswick, NJ 08901  
**Post Office Address:** same**Citizenship:** India

DATE: \_\_\_\_\_

\_\_\_\_\_  
Mahesh Ajgaonkar**Full Name of Inventor:** ANDREY KOPYAKOV**Resident Address:** 11 Petunia Drive, Apt. 2B, North Brunswick, NJ 08902  
**Post Office Address:** same**Citizenship:** Russia

DATE: \_\_\_\_\_

\_\_\_\_\_  
Andrey Kobyakov**Full Name of Inventor:** JUNE-KOO RHEE**Resident Address:** 236 Kensington Drive, Morganville, NJ 07751  
**Post Office Address:** same**Citizenship:** S. Korea

DATE: \_\_\_\_\_

\_\_\_\_\_  
June-Koo Rhee**Full Name of Inventor:** MANISH SHARMA**Resident Address:** 8 Allison Way, Princeton, NJ 08504  
**Post Office Address:** same**Citizenship:** United KingdomDATE: June 6<sup>th</sup> 2003Manish Sharma  
Manish Sharma

**Full Name of Inventor:**

**IOANNIS TOMKOS**

**Resident Address:**

2200 Cottontail Lane, Somerset, NJ 08873

**Post Office Address:**

same

**Citizenship:**

Greece

DATE: \_\_\_\_\_

Ioannis Tomkos

**Full Name of Inventor:**

**MICHAEL VASILYEV**

**Resident Address:**

310 Primrose Court, Belle Mead, NJ 08502

**Post Office Address:**

same

**Citizenship:**

Russia

DATE: \_\_\_\_\_

Michael Vasilyev

**Full Name of Inventor:**

**JAMES M. GROCHOCINSKI**

**Resident Address:**

121 Hillvue Avenue, Corning, NY 14830

**Post Office Address:**

same

**Citizenship:**

USA

DATE: 50.22 JUN. 2003

  
James M. Grochocinski

**Full Name of Inventor:**

**SHIVA KUMAR**

**Resident Address:**

19 Indian Pipe, Painted Post, NY 14870

**Post Office Address:**

same

**Citizenship:**

India

DATE: 06/09/01

  
Shiva Kumar

**Full Name of Inventor:**

**IOANNIS TOMKOS**

**Resident Address:**

2200 Cottonail Lane, Somerset, NJ 08873

**Post Office Address:**

same

**Citizenship:**

Greece

**DATE:** 06/13/03

Ioannis Tomkos

**Full Name of Inventor:**

**MICHAEL VASILYEV**

**Resident Address:**

310 Primrose Court, Belle Mead, NJ 08502

**Post Office Address:**

same

**Citizenship:**

Russia

**DATE:** \_\_\_\_\_

Michael Vasilyev

**Full Name of Inventor:**

**JAMES M. GROCHOCINSKI**

**Resident Address:**

121 Hillvue Avenue, Corning, NY 14830

**Post Office Address:**

same

**Citizenship:**

USA

**DATE:** \_\_\_\_\_

James M. Grochocinski

**Full Name of Inventor:**

**SHIVA KUMAR**

**Resident Address:**

19 Indian Pipe, Painted Post, NY 14870

**Post Office Address:**

same

**Citizenship:**

India

**DATE:** \_\_\_\_\_

Shiva Kumar

**Full Name of Inventor:**

**IOANNIS TOMKOS**

**Resident Address:**

2200 Cottontail Lane, Somerset, NJ 08873

**Post Office Address:**

same

**Citizenship:**

Greece

DATE: \_\_\_\_\_

\_\_\_\_\_  
Ioannis Tomkos

**Full Name of Inventor:**

**MICHAEL VASILYEV**

**Resident Address:**

310 Primrose Court, Belle Mead, NJ 08502

**Post Office Address:**

same

**Citizenship:**

Russia

DATE: June 3, 2003

\_\_\_\_\_  
*Michael Vasilyev*  
Michael Vasilyev

**Full Name of Inventor:**

**JAMES M. GROCHOCINSKI**

**Resident Address:**

121 Hillvue Avenue, Corning, NY 14830

**Post Office Address:**

same

**Citizenship:**

USA

DATE: \_\_\_\_\_

\_\_\_\_\_  
James M. Grochocinski

**Full Name of Inventor:**

**SHIVA KUMAR**

**Resident Address:**

19 Indian Pipe, Painted Post, NY 14870

**Post Office Address:**

same

**Citizenship:**

India

DATE: \_\_\_\_\_

\_\_\_\_\_  
Shiva Kumar



**Full Name of Inventor:**

**GREGORY G. LUTHER**

**Resident Address:**

123 Hunter Drive, W. Hartford, CT 06107

**Post Office Address:**

same

**Citizenship:**

USA

DATE: 6/20/03

  
\_\_\_\_\_  
Gregory G. Luther

(U.S.)

Attorney Docket No.: SP02-155

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** AJGAONKAR MAHESH, et al

**Serial No.:**

**Filed:**

**For:** OPTICAL COMMUNICATION  
SYSTEM AND METHOD

**COMBINED  
CERTIFICATE UNDER  
37 C.F.R. § 3.73(b)  
and  
POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Alexandria, VA 22313-1450

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

**CORNING INCORPORATED**, a New York corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. A true copy of the unrecorded Assignment is attached hereto.

The undersigned has reviewed the above referenced assignment of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(U.S.)

Attorney Docket No.: SP02-155

**POWER OF ATTORNEY BY ASSIGNEE**

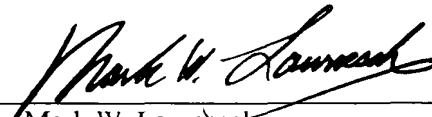
CORNING INCORPORATED, the assignee of the full and exclusive right, title and interest in and to the accompanying application for United States Letters Patent entitled OPTICAL COMMUNICATION SYSTEM AND METHOD and executed by Mahesh Ajgaonkar, Andrey Kobayakov, June-Koo Rhee, Manish Sharma, Ioannis Tomkos, Michael Vasilyev, James M. Grochocinski, Shiva Kumar, and Gregory G. Luther on 06/11/2003, 06/17/2003, 06/13/2003, 06/06/2003, 06/13/2003, 06/06/2003, 06/22/2003, 06/09/2003, and 06/20/2003, respectively, appoints the practitioners associated with the Customer Number provided below (i.e., the practitioners associated with the Intellectual Property Department, Corning Incorporated) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Please direct all correspondence to Joseph M. Homa at the address associated with that Customer Number.

**Customer Number: 22928**

CORNING INCORPORATED

Date: July 3, 2003

By

  
Mark W. Lauroesch  
Assistant Secretary